

Facility ID: 1576011778 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

- [Go to Part II for Emissions Unit F001](#)
- [Go to Part II for Emissions Unit F002](#)
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Facility ID: 1576011778 Emissions Unit ID: F001 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Plant Roadways and Parking Lots	PTI #15-1089	1 TPY PM

For unpaved roadways and parking areas, there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period.

For paved roadways and parking areas, there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.

A maximum speed limit of fifteen (15) miles per hour shall be posted and enforced on the property.

**2. Additional Terms and Conditions**

- (a) The permittee shall clean the paved roadways and parking areas to minimize or eliminate, at all times, visible emissions of fugitive dust generated by vehicular traffic.
- (b) The permittee shall apply dust suppressants to the unpaved roadways and parking areas to minimize or eliminate, at all times, visible emissions of fugitive dust generated by vehicular traffic. MC-30 and water shall be used as the dust suppressants. The MC-30 shall be applied to the unpaved surfaces, at a minimum, every year. This term and condition shall be waived during wet conditions when there is sufficient moisture to prevent visible emissions of fugitive dust or when the temperature is too low to make watering effective.
- (c) Any material carried off of the permittee's property and deposited onto public streets by vehicular traffic or by erosion by water, etc., shall be promptly removed and disposed of properly to minimize or prevent resuspension.
- (d) Open bodied vehicles transporting materials likely to become airborne shall be covered at all times.

**B. Operational Restrictions**

1. None

**C. Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain records which include the following information for the paved roadways and parking areas:

- (a) The date the paved surfaces were swept.
- (b) The portions of the paved surfaces that were swept.
- (c) The name of the equipment operator responsible for the sweeping.
- 2. The permittee shall maintain records which include the following information for the unpaved roadways and parking areas:
  - (a) The date dust suppressants were applied to the unpaved surfaces.
  - (b) The portions of unpaved surfaces that were treated with dust suppressants.
  - (c) The application rate the dust suppressant (in gallons per square yard).
  - (d) The name of the equipment operator responsible for the application of the dust suppressants.
- D. **Reporting Requirements**
  - 1. None
- E. **Testing Requirements**
  - 1. Compliance with the emissions limitation(s) in Section A (1) of these terms and conditions shall be determined in accordance with the following method(s):
 

Emission limitation / Applicable method of demonstrating compliance

    - (a) 1 TPY PM / Recordkeeping and AP-42 emission factors.
    - (b) VE Limit for Paved Roads / Method 22 as defined in OAC rule 3745-17-03(B)(4).
    - (c) VE Limit for Unpaved Roads / Method 22 as defined in OAC rule 3745-17-03(B)(4).
- F. **Miscellaneous Requirements**
  - 1. None

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

- 1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Aggregate Storage Piles; Washed Limestone, PTI #15-1089 Washed Gravel, & Washed Sand, Part of the Concrete Batching Plant.		2.75 TPY PM  There shall be no visible particulate emissions except for a period of time not to exceed one (1) minute during any sixty (60) minute observation period.  Only washed aggregate materials shall be stored.  The aggregates stored shall be kept sufficiently moist to minimize or eliminate fugitive dust emissions.  During the unloading onto or loading from the aggregate storage piles, the drop height of the front-end loader shall be minimized to minimize or eliminate visible emissions of fugitive dust.

2. **Additional Terms and Conditions**

(a) None

B. **Operational Restrictions**

1. None

C. **Monitoring and/or Record Keeping Requirements**

1. None

D. **Reporting Requirements**

1. None

E. **Testing Requirements**

1. Compliance Methods

Compliance with the emissions limitation(s) in Section A (1) of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation / Method of demonstrating compliance

(a) 2.75 TPY PM / AP-42 emission factors

(b) Visible Particulate Emission Limit / Method Twenty-two (22) as defined in OAC rule 3745-17-03(B)(4).

F. **Miscellaneous Requirements**

1. None

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**Part II - Special Terms and Conditions**

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1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

(a) None.

2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

(a) None.

A. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Cement Silo with Fabric Filter and Material Handling Operations; Part of the Concrete Batching Plant	PTI #15-1089	0.010 grains/DSCF at the outlet of the fabric filter.  Only washed aggregates which have been kept damp shall be handled.

2. **Additional Terms and Conditions**

(b) Cement shall be transferred pneumatically to storage. The pneumatic system shall be adequately enclosed so as to eliminate at all times visible particulate emissions of fugitive dust. Any visible emissions of cement emanation from the delivery vehicle shall be cause for the immediate halt of the unloading process and the refusal of the cement load until the situation is corrected.

B. **Operational Restrictions**

1. None

C. **Monitoring and/or Record Keeping Requirements**

1. None

D. **Reporting Requirements**

1. None

E. **Testing Requirements**

1. Compliance Methods

Compliance with the emissions limitation(s) in Section A (1) of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation / Applicable Compliance Method

0.010 grains/DSCF / An emissions test shall be conducted at the request of Ohio EPA.

visible emissions / Method 22 pursuant to OAC rule 3745-17-03(B)(4).

F. **Miscellaneous Requirements**

1. None

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**Part II - Special Terms and Conditions**

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1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

(a) None.

2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

(a) None.

A. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Weigh Hopper with Fabric Filter and Watering, and, Transit-Mix Truck Loading with Choke Feed; Part of the Concrete Batching Plant.	PTI #15-1089	0.030 grains/DSCF or no visible emissions from the fabric filter, whichever is less stringent.  No visible particulate emissions from the weigh hopper.  The loading of transit-mix trucks shall be performed with a choke feed system which shall load the cement and aggregates inside of a dust controlling encircling water flow.

2. **Additional Terms and Conditions**

- (b) Weigh-Hopper Loading of Cement and Aggregates

(a) The cement hopper shall be adequately enclosed. The enclosure shall be sufficient so as to eliminate at all times visible particulate emissions of fugitive dust. There shall be no visible particulate emissions from the weigh-hopper.

(b) The aggregates to be loaded into the weigh-hopper and the conveyor shall have a moisture content sufficient so as to minimize or eliminate visible particulate emissions of fugitive dust at all times. The transfer conveyor discharge shall be enclosed and vented to a fabric filter. The enclosure shall be sufficient so as to eliminate at all times visible particulate emissions of fugitive dust at the point of capture.

B. **Operational Restrictions**

1. None

C. **Monitoring and/or Record Keeping Requirements**

1. None

D. **Reporting Requirements**

1. None

E. **Testing Requirements**

1. Compliance Methods

Compliance with the emissions limitation(s) in Section A (1) and 2 of these Special Terms and Conditions shall be determined in accordance with the following method(s):

Emission Limitation / Applicable Compliance Method

- (a) 0.030 grains/DSCF / A performance test shall be conducted at the request of Ohio EPA
- (b) No visible emissions / Method 22 pursuant to OAC rule 3745-17-03(B)(4).

F. **Miscellaneous Requirements**

- 1. None